

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: IL-Won Shin

GENERAL INFORMATION:

Name:	Domtar Paper Company - Hawesville Operations
Address:	P.O. Box 130, 58 Wescor Road Hawesville, KY 42348
Date application received:	October 4, 2005
SIC/Source description:	2621, Bleach Pulp and Fine Paper
Source ID #:	21-091-00005
Source A.I. #:	43431
Activity #:	APE20050002
Permit number:	V-04-012 R1

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___ Administrative	<input checked="" type="checkbox"/> Title V
___ Minor	<input type="checkbox"/> Synthetic minor
<u>x</u> Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input checked="" type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	2006 Actual (tpy)	Potential (tpy)
PM/PM ₁₀	150.43 / 150.40	251.17 / 215.61
SO ₂	185.90	5677.68
NO _x	645.68	3613.88
CO	588.94	1529.60
VOC	153.73	339.18
Total Reduced Sulfur	7.81	28.34
Single HAP > 10 TPY Acetaldehyde	Not listed	20.56
Single HAP > 10 TPY Formaldehyde	Not listed	12.69
Single HAP > 10 TPY Hydrochloric Acid	Not listed	43.37
Single HAP > 10 TPY Methanol	89.63	183.40
Source wide HAPs	89.63	343.82

SOURCE DESCRIPTION:

The Domtar Paper Company (formerly Willamette Industries and Weyerhaeuser Company) - Hawesville Operations is an integrated pulp and paper mill utilizing the standard kraft process for the manufacturing of bleached pulp from wood chips. The Hawesville Operations originally consisted of three areas: the Kentucky Medium Mill (**KMM**, semi-chemical mill), the Bleach Pulp Mill (**BPM**, kraft mill), and the Fine Paper Mill (**FPM**, specialty paper mill). However, on August 14, 2002, the KMM ceased operations and now the Hawesville Operations consist of only the BPM and FPM. On September 26, 2002, the Division received official notice of closure of the KMM. Further information was received on January 2, 2003, regarding emission reductions due to closure of the KMM. Latest information regarding the source was received on October 6, 2003. The Hawesville Operations are located at 58 Wescor Road in Hawesville, Hancock County, Kentucky.

EMISSIONS AND OPERATING CAPS DESCRIPTION:

Please refer to Sections B.1 and B.2 in the Title V operating permit for the operating and emission limits per each process unit at the Mill.

OPERATIONAL FLEXIBILITY:

None